

**Amendments to the Claims:**

This listing of claims replaces all prior versions and listings of claims in the application:

**Listing of Claims:**

1. (Original) A non-thermal plasma reactor for the treatment of a gaseous medium comprising  
  
a plurality of double-sided filter elements in a stack, the elements acting as electrodes of the reactor and being connectable alternately to high voltage and earth, and  
  
provided with a dielectric barrier between successive filter elements  
  
wherein the gaseous medium is constrained to flow into the filter elements through both sides thereof.
2. (Original) A reactor according to claim 1 wherein the filter elements are annular.
3. (Currently Amended) A reactor according to claim 1 ~~or 2~~ wherein the filter elements are hollow.
4. (Currently Amended) A vehicle, ship or power generation unit comprising a reactor according to claim 1 ~~any one of claims 1 to 3~~.
5. (Currently Amended) A method for treating a gaseous medium to remove particulates comprising passing the gaseous medium through a reactor according to claim 1 ~~any one of claims 1 to 3~~ and generating a plasma in the reactor intermittently or continuously.

6. (Currently Amended) Use of a reactor according to  
claim 1 ~~any one of claims 1 to 3~~ for the removal of  
particulates from a gaseous medium.